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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	Patent No. 6,848,299, Serial No. 10/630,072
Filing Date	07/30/2003
First Named Inventor	Frank Paul et al.
Art Unit	2856
Examiner Name	D. Larkin
Total Number of Pages in This Submission	NSH2USA

**ENCLOSURES (Check all that apply)**

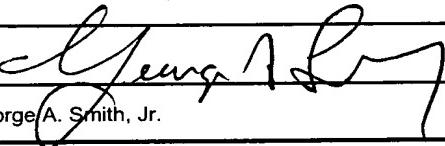
<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Request for Certificate of Correction
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	
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<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<b>Certificate</b> <b>MAY 20 2005</b> <b>of Correction</b>	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Howson and Howson		
Signature			
Printed name	George A. Smith, Jr.		
Date	05/12/2005	Reg. No.	24,442

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	George A. Smith, Jr.	Date	05/12/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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MAY 24 2005



NSH2USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of : Group Art Unit: 2856  
Frank Paul et al. :  
Serial No.: 10/630,072 :  
Filed: 07/30/2003 :  
Patent No.: 6,848,299 :  
Issued: February 1, 2005 :  
For: QUARTZ CRYSTAL MICROBALANCE :  
WITH FEEDBACK LOOP FOR :  
AUTOMATIC GAIN CONTROL :

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 35 U.S.C. §254

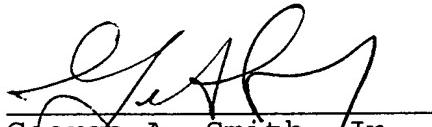
Sir:

Applicant requests a Certificate of Correction of the above-identified patent to correct the error listed on the attached form PTO/SB/44.

Because this error is due to a Patent and Trademark Office mistake, no fee is due.

Respectfully submitted,  
HOWSON AND HOWSON

By

  
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Facsimile 215-540-5818

MAY 24 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,848,299

DATED : February 1, 2005

INVENTOR(S) : Frank Paul, Karl Pavey, Richard C. Payne

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 63,  $\Delta F = F_0^{3/2}(\eta_L p_L / \pi \mu_0 p_0)^{1/2}$  should read  $\Delta F = -F_0^{3/2}(\eta_L p_L / \pi \mu_Q p_Q)^{1/2}$

MAILING ADDRESS OF SENDER:

PATENT NO. 6,848,299

Howson and Howson

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